

IN THE CLAIMS

Please cancel Claims 2, 8, 9, 12, 18, 19, 21, 27, 28, 30, 36 and 37.

Please amend the claims to read as follows:

--1. (Amended) An electrophotographic photoreceptor, comprising:

an electroconductive substrate, and

a photosensitive layer on the electroconductive substrate,

wherein the photosensitive layer comprises:

a charge generation layer, and

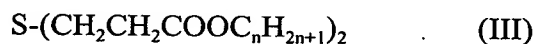
a charge transport layer,

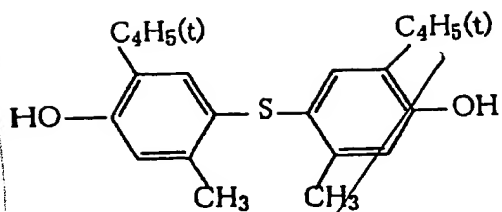
wherein the charge generation layer comprises, as charge generation materials which have spectral sensitivity in differing wavelength regions, at least one phthalocyanine pigment and at least one asymmetric bisazo pigment having the following formula (I):



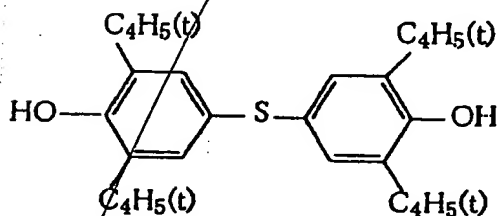
wherein A represents a divalent group having a carbon atom which connects the nitrogen atoms of the adjacent azo groups; and Cp_1 and Cp_2 each, independently, represent a residual group of a coupler, wherein Cp_1 is different from Cp_2 ;

and wherein the charge transport layer comprises an organic sulfur-containing compound selected from the group consisting of compounds having the following formulas III, S-1, S-2 and S-3:

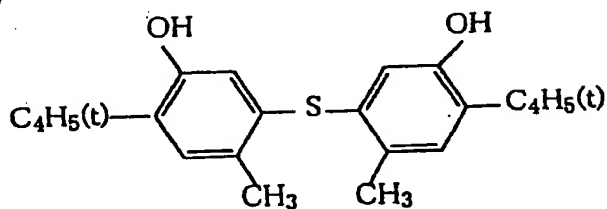




(S-1)



(S-2)



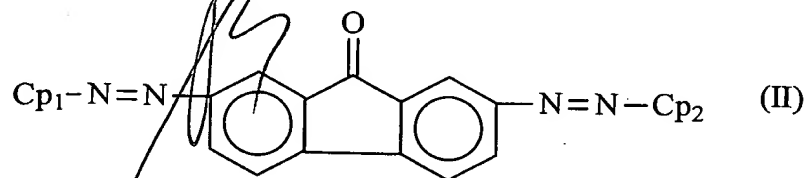
(S-3)

wherein n is an integer of from 8 to 25.

2. Canceled.

3. (Amended) The electrophotographic photoreceptor according to Claim 1, wherein the phthalocyanine pigment and the asymmetric bisazo pigment are present in the photosensitive layer in a ratio of 1:5 to 5:1 by weight.

4. (Amended) The electrophotographic photoreceptor according to Claim 1, wherein the asymmetric bisazo pigment comprises a compound having the following formula (II):



wherein Cp_1 and Cp_2 each, independently, represent a residual group of a coupler, wherein Cp_1 is different from Cp_2 .

5. (Amended) The electrophotographic photoreceptor according to Claim 1, wherein the phthalocyanine pigment comprises at least one of a τ -form metal-free phthalocyanine pigment or an X-form metal-free phthalocyanine pigment.

6. The electrophotographic photoreceptor according to Claim 5, wherein the phthalocyanine pigment comprises a τ -form metal-free phthalocyanine pigment having an X-ray diffraction spectrum in which main peaks are observed at Bragg 2θ angle of 7.6° , 9.2° , 16.8° , 17.4° , 20.4° , 20.9° , 21.7° and 27.6° when a specific X-ray of Cu-K α having a wavelength of 1.541 Å irradiates the pigment.

7. The electrophotographic photoreceptor according to Claim 5, wherein the phthalocyanine pigment comprises an X-form metal-free phthalocyanine pigment having an X-ray diffraction spectrum in which main peaks are observed at Bragg 2θ angle of 7.5° , 9.1° , 16.7° , 17.3° , 22.3° and 28.8° when a specific X-ray of Cu-K α having a wavelength of 1.541 Å irradiates the pigment.

8. Canceled.

9. Canceled.

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10. (Amended) An electrophotographic image forming apparatus comprising:

- an electrophotographic photoreceptor;
- a charging device which charges the photoreceptor;
- a light irradiation device which irradiates the charged photoreceptor to form an electrostatic latent image on the photoreceptor;
- a developing device which reversely develops the electrostatic latent image with a developer including a toner, to form a toner image on the photoreceptor;
- an image transfer device which transfers the toner image to a receiving material; and
- a cleaning device which cleans the photoreceptor,

wherein the electrophotographic photoreceptor comprises:

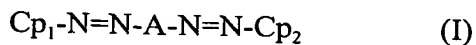
- an electroconductive substrate, and
- a photosensitive layer on the electroconductive substrate,

and wherein the photosensitive layer comprises:

- a charge generation layer, and
- a charge transport layer,

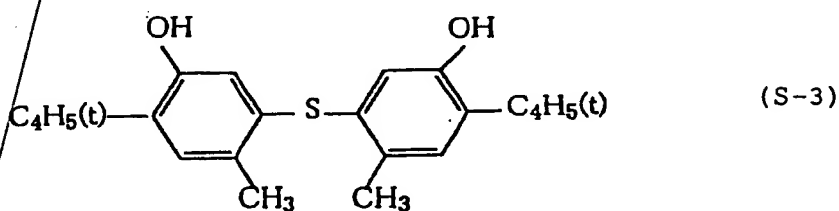
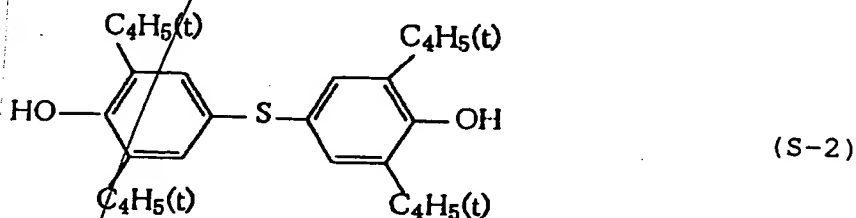
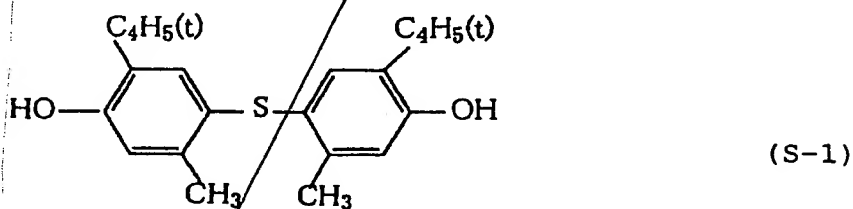
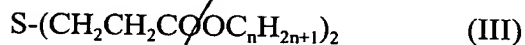
wherein the charge generation layer comprises, as charge generation materials which have spectral sensitivity in differing wavelength regions, at least one phthalocyanine pigment and at least one asymmetric bisazo pigment having the following formula (I):

AS



wherein A represents a divalent group having a carbon atom which connects the nitrogen atoms of the adjacent azo groups; and Cp₁ and Cp₂ each, independently, represent a residual group of a coupler, wherein Cp₁ is different from Cp₂;

and wherein the charge transport layer comprises an organic sulfur-containing compound selected from the group consisting of compounds having the following formulas III, S-1, S-2 and S-3:



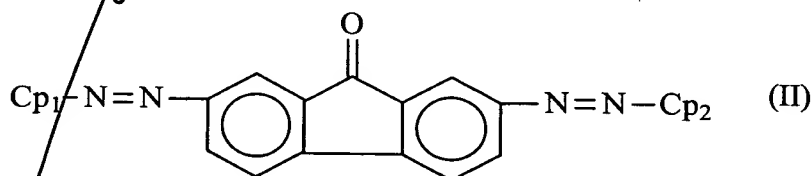
wherein n is an integer of from 8 to 25.

11. The electrophotographic image forming apparatus according to Claim 10, wherein the charging device charges the photoreceptor while contacting the photoreceptor.

12. Canceled.

13. (Amended) The electrophotographic image forming apparatus according to Claim 10, wherein the phthalocyanine pigment and the asymmetric bisazo pigment are present in the photosensitive layer in a ratio of 1:5 to 5:1 by weight.

14. (Amended) The electrophotographic image forming apparatus according to Claim 10, wherein the asymmetric bisazo pigment comprises a compound having the following formula (II):



wherein Cp_1 and Cp_2 each, independently, represent a residual group of a coupler, wherein Cp_1 is different from Cp_2 .

15. (Amended) The electrophotographic image forming apparatus according to Claim 10, wherein the phthalocyanine pigment comprises at least one of a τ -form metal-free phthalocyanine pigment or an X-form metal-free phthalocyanine pigment.

16. The electrophotographic image forming apparatus according to Claim 15, wherein the phthalocyanine pigment comprises a τ -form metal-free phthalocyanine pigment having an X-ray diffraction spectrum in which main peaks are observed at Bragg 2θ angle of 7.6° , 9.2° , 16.8° , 17.4° , 20.4° , 20.9° , 21.7° and 27.6° when a specific X-ray of Cu-K α having a wavelength of 1.541 \AA irradiates the pigment.

17. The electrophotographic image forming apparatus according to Claim 15, wherein the phthalocyanine pigment comprises an X-form metal-free phthalocyanine pigment having an X-ray diffraction spectrum in which main peaks are observed at Bragg 2θ

angle of 7.5°, 9.1°, 16.7°, 17.3°, 22.3° and 28.8° when a specific X-ray of Cu-K α having a wavelength of 1.541 Å irradiates the pigment.

18. Canceled.

19. Canceled.

20. (Amended) An electrophotographic process cartridge comprising:

a photoreceptor; and

at least one device selected from the groups consisting of:

a charging device which charges the photoreceptor;

a light irradiation device which irradiates the charged photoreceptor to form an electrostatic latent image on the photoreceptor;

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a developing device which reversely develops the electrostatic latent image with a developer including a toner to form a toner image on the photoreceptor;

an image transfer device which transfers the toner image to a receiving material; and

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a cleaning device which cleans the photoreceptor,

wherein the photoreceptor comprises:

an electroconductive substrate, and

a photosensitive layer on the electroconductive substrate,

and wherein the photosensitive layer comprises:

a charge generation layer, and

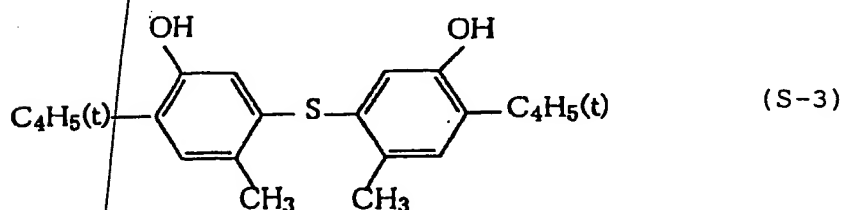
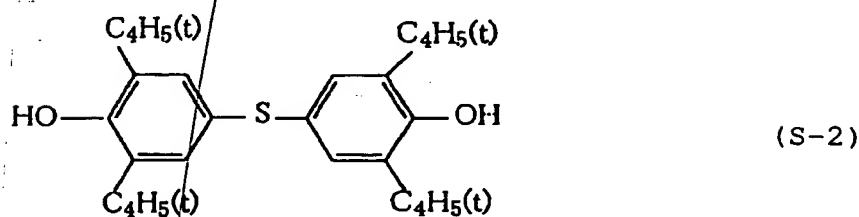
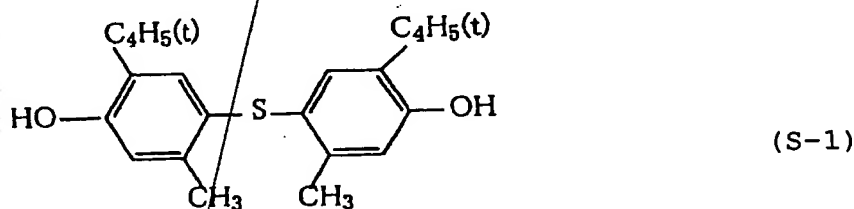
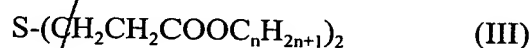
a charge transport layer,

wherein the charge generation layer comprises, as charge generation materials which have spectral sensitivity in differing wavelength regions, at least one phthalocyanine pigment and at least one asymmetric bisazo pigment having the following formula (I):



wherein A represents a divalent group having a carbon atom which connects the nitrogen atoms of the adjacent azo groups; and Cp_1 and Cp_2 each, independently, represent a residual group of a coupler, wherein Cp_1 is different from Cp_2 ;

and wherein the charge transport layer comprises an organic sulfur-containing compound selected from the group consisting of compounds having the following formulas III, S-1, S-2 and S-3:

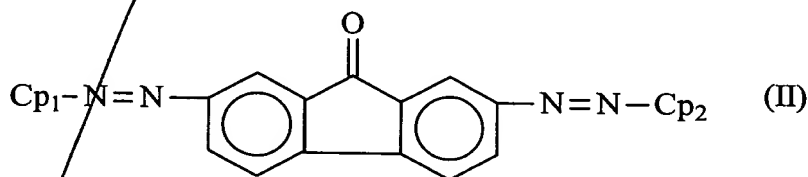


wherein n is an integer of from 8 to 25.

21. Canceled.

22. (Amended) The electrophotographic process cartridge according to Claim 20, wherein the phthalocyanine pigment and the asymmetric bisazo pigment are present in the photosensitive layer in a ratio of 1:5 to 5:1 by weight.

23. (Amended) The electrophotographic process cartridge according to Claim 20, wherein the asymmetric bisazo pigment comprises a compound having the following formula (II):



wherein Cp_1 and Cp_2 each, independently, represent a residual group of a coupler, wherein Cp_1 is different from Cp_2 .

24. (Amended) The electrophotographic process cartridge according to Claim 20, wherein the phthalocyanine pigment comprises at least one of a τ -form metal-free phthalocyanine pigment or an X-form metal-free phthalocyanine pigment.

25. The electrophotographic process cartridge according to Claim 24, wherein the phthalocyanine pigment comprises a τ -form metal-free phthalocyanine pigment having an X-ray diffraction spectrum in which main peaks are observed at Bragg 2θ angle of 7.6° , 9.2° , 16.8° , 17.4° , 20.4° , 20.9° , 21.7° and 27.6° when a specific X-ray of Cu- $K\alpha$ having a wavelength of 1.541 \AA irradiates the pigment.

26. The electrophotographic process cartridge according to Claim 24, wherein the phthalocyanine pigment comprises an X-form metal-free phthalocyanine pigment having an X-ray diffraction spectrum in which main peaks are observed at Bragg 2θ angle of 7.5° , 9.1° ,

16.7°, 17.3°, 22.3° and 28.8° when a specific X-ray of Cu-K α having a wavelength of 1.541 Å irradiates the pigment.

27. Canceled.

28. Canceled.

29. (Amended) An electrophotographic image forming method comprising the steps of:

providing an electrophotographic photoreceptor;

charging the electrophotographic photoreceptor;

irradiating the electrophotographic photoreceptor with light to form an electrostatic latent image on the electrophotographic photoreceptor;

reversely developing the electrostatic latent image with a developer including a toner to form a toner image on the electrophotographic photoreceptor;

transferring the toner image to a receiving material; and

cleaning the electrophotographic photoreceptor,

wherein the electrophotographic photoreceptor comprises:

an electroconductive substrate, and

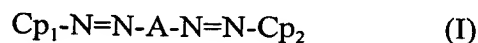
a photosensitive layer on the electroconductive substrate,

and wherein the photosensitive layer comprises:

a charge generation layer, and

a charge transport layer,

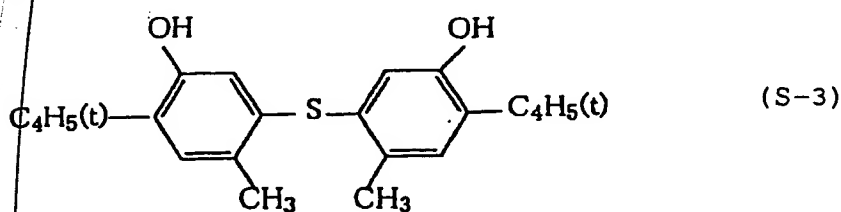
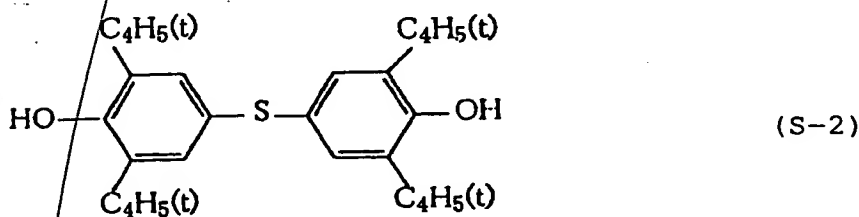
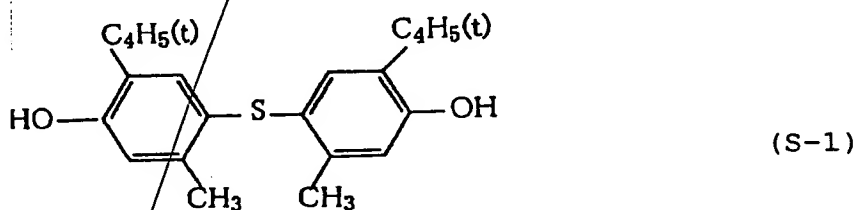
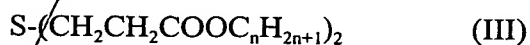
wherein the charge generation layer comprises, as charge generation materials which have spectral sensitivity in differing wavelength regions, at least one phthalocyanine pigment and at least one asymmetric bisazo pigment having the following formula (I):



wherein A represents a divalent group having a carbon atom which connects the nitrogen atoms of the adjacent azo groups; and Cp_1 and Cp_2 each, independently, represent a residual group of a coupler, wherein Cp_1 is different from Cp_2 ;

and wherein the charge transport layer comprises an organic sulfur-containing compound selected from the group consisting of compounds having the following formulas

III, S-1, S-2 and S-3:

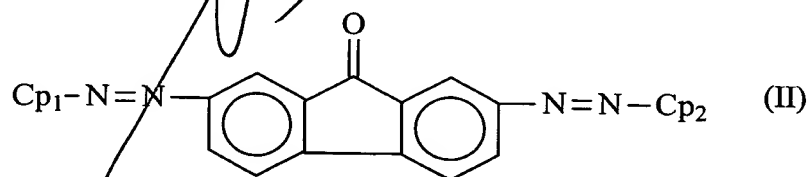


wherein n is an integer of from 8 to 25.

30. Canceled.

31. (Amended) The electrophotographic image forming method according to Claim 29, wherein the phthalocyanine pigment and the asymmetric bisazo pigment are present in the photosensitive layer in a ratio of 1:5 to 5:1 by weight.

32. (Amended) The electrophotographic image forming method according to Claim 29, wherein the asymmetric bisazo pigment comprises a compound having the following formula (II):



wherein Cp_1 and Cp_2 each, independently, represent a residual group of a coupler, wherein Cp_1 is different from Cp_2 .

33. (Amended) The electrophotographic image forming method according to Claim 29, wherein the phthalocyanine pigment comprises at least one of a τ -form metal-free phthalocyanine pigment or an X-form metal-free phthalocyanine pigment.

34. The electrophotographic image forming method according to Claim 33, wherein the phthalocyanine pigment comprises a τ -form metal-free phthalocyanine pigment having an X-ray diffraction spectrum in which main peaks are observed at Bragg 2θ angle of 7.6° , 9.2° , 16.8° , 17.4° , 20.4° , 20.9° , 21.7° and 27.6° when a specific X-ray of $\text{Cu-K}\alpha$ having a wavelength of 1.541 \AA irradiates the pigment.

35. The electrophotographic image forming method according to Claim 33, wherein the phthalocyanine pigment comprises an τ -form metal-free phthalocyanine pigment having an X-ray diffraction spectrum in which main peaks are observed at Bragg 2θ angle of 7.5° ,

9.1°, 16.7°, 17.3°, 22.3° and 28.8° when a specific X-ray of Cu-K α having a wavelength of 1.541 Å irradiates the pigment.--

36. Canceled.

37. Canceled.

BASIS FOR THE AMENDMENTS

Claim 1 has been amended to recite the limitations of Claims 2, 8 and 9 and also the organic sulfur compounds at Table 2, page 10.

Claim 10 has been amended to recite the limitations of Claims 12, 18 and 19 and also the organic sulfur compounds at Table 2, page 10.

Claim 20 has been amended to recite the limitations of Claims 21, 27 and 28 and also the organic sulfur compounds at Table 2, page 10.

Claim 29 has been amended to recite the limitations of Claims 30, 36 and 37 and also the organic sulfur compounds at Table 2, page 10.

Claims 2, 8, 9, 12, 18, 19, 21, 27, 28, 30, 36 and 37 have been cancelled, and the dependencies of Claims 3-5, 13-15, 22-24 and 31-33 have been amended accordingly.

The trademarks in the specification have been corrected. Support is found in the specification as originally filed.

No new matter is believed to be added by entry of the amendments. Upon entry of the amendments, Claims 1, 3-7, 10-11, 13-17, 20, 22-26, 29 and 31-35 will be active and in condition for allowance. Entry and favorable reconsideration are respectfully requested.